

Title (en)

METHOD OF CONTROLLING COMBUSTION IN OXYGEN COMBUSTION BOILER AND APPARATUS THEREFOR

Title (de)

VERFAHREN ZUR STEUERUNG VON VERBRENNUNG IN EINEM SAUERSTOFFVERBRENNUNGSKESSEL UND VORRICHTUNG DAFÜR

Title (fr)

PROCÉDÉ DE RÉGULATION DE LA COMBUSTION DANS UNE CHAUDIÈRE DE COMBUSTION D'OXYGÈNE ET APPAREIL ASSOCIÉ

Publication

EP 2267366 A4 20120606 (EN)

Application

EP 08720359 A 20080306

Priority

JP 2008000473 W 20080306

Abstract (en)

[origin: EP2267366A1] A method and an apparatus of controlling combustion in an oxyfuel combustion boiler are provided which ensure a sufficient furnace heat absorption through prevention of lowering of flame temperature, enabling oxyfuel combustion operations to be performed in a stable manner. A boiler-brought-in oxygen density which is an oxygen density for a total amount of gases introduced into a coal burning boiler is calculated and a flow rate of total recirculating gases is controlled such that the boiler-brought-in oxygen density falls within a predetermined range.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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